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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Streptomyces lividans: trichoderma reesei; endoglucanase III: ECIII; ecliniase; mutant; enzyme stability; textile treatment; wood poly treatment; teed additive; determent.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       The sequence shows band-buy to I, ressol BSIII (see AAV06330). Also provided by the invention are vectors, best eaths and methods for the recombinant production of such engages, which can be used in the treatment of a Uniose containing textiles, as feed
denum and as an agent in Loundry and dish deterpents.
                       in textile and wood prip treatment, as a feed additive, and for red
toomass to almosse, they are also useful for stonewashing or indige
                                                                       68111 like cellulases to produce variant engages with improved stability, e.g. increased resistance to temperature stress. The mutants may be used
                                                                                                                                              libraries constructed from various microorpanisms by PCK. The isolated reass showed significant bomology to BCHII from E. reesel. Certain
                                                                                                                                                                                                                                                                            Example to Fig & Sappo English
                                                                                                                                                                                                                                                                                                                                                      Novel endogluranase III or endogineanase III like cellulase useful for treating textiles and wood pulp comprises a substitution or deletion at
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                                                                                                 The present sequence represents an endoqueranase III (BRIII)-like recludase. The cellulase has boundlony to the Trichoderma ressei EGIII protein. The variant cellulases have improved temperature stability, and improved contact in 'g'allicty. The variant cellulases and compositions containing them are used in textile processing or cleaning equations of indiance of dening and modifying the texture, teed or appearance of cellulase containing tabiles (e.g. Emproving tabile on appearance of cellulase containing tabiles (e.g. Emproving tabile on appearance of cellulase containing tabiles (e.g. Emproving tabiles of removing pills and IIIbils). The compositions may also be used for the removal of immature of dead cotton from cellulosic libres of tabile, which can cause given dying. The collulase may also be used of tabile, which can cause given dying. The collulase may also be used
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                                                                                                                                                                                                                                                                                                                                                                                         Novel variant endoqlucanase []:-like cellulases with improved surfactant stability and resistance to temperature stress, useful for textile processing or cleaning, treating wood pulp, food and grain, and
Sequence
                                           in a determent composition tor washing laundry and dishes and in the treatment of animal feed, wood pulp, paper, non-animal foods and grains the enzymes may also be used. The reduction of biomass to glucose.
                                                                                                                                                                                                                                                                                                                                   Disclosure; Page 64 65; 73pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Fowler T;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     03 SEP-1998;
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                                                                                                                                                                                                                                                      The invention provides a scilular from Actinopyretes, the collulars can be used in a deteract composition, as an additive for animal feed and for the treatment of textiles or pulp and paper. The DNA encoding the cellulars can be used to identify homologous cellulars and for recombinant production of cellularses. The present sequence represents the protein sequence at a celA signal sequence and cellularse 11AGB fusion sequence contained in the expression cassette consisting of the GI promoter, celA signal sequence, cellularse 11AGB and GI terminator
AAB39255 standard; Protein: 33 AA
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N-PSDR; AAZ57031.
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                                                                                                                                                                                                                                                                                                                                                                                                                                      compositions, treating textiles and paper or pulp
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                                                                                                                                                                                                                          conditions, e.g. by protein or game therapy. Also pathological conditions can be diagnosed by determining the amount of the new polypeptides in a sample or by determining the presence of mutations in the new games. Specific uses are described for each of the fluggenes, based on which
                                                                                                                                                                                                                                                                                                                    AAX97:it to AAX20022 represent lio isolated buman secreted protein dense. AAX 00224 to AAX 00221 represent the secreted proteins encoded by the lio locating governord.
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                                                                                         detection and/or diagnoses of the abnormality of the proteins encoded by the full length chNAs. The primers allow obtaining of the full-length chNAs casily without any specialised methods. AAHO416 to AAHO4024 and AAHO403 to AAHO4742 represent buman chNA sequences: AAK92446 to
                                                                                                                                                                                                             sequence and an obligancie tide comprising a sequence complementary to a polynicleotide which comprises a 4-read sequence, where the obliganciewide comprises at 1-sast 15 incleatides and the combination of the 5, and sequence 24 and sequence is solected from those defined in the specification. The primer sets can be used in antisense therapy and
                                                                                                                                                                                                                                                                                                                                                 to the complementary strand of a polynucleotide which comprises one of
the 5602 nucleotide sequences defined in the specification, where the
oligonucleotide comprises at least 15 nucleotides; or (b) a combination
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Primer sets to synthesizina polynucleotides, particularly the 5602 tull-length cDNAs defined in the specification, and to the detection and/or diagnosis of the absorbality of the proteins encoded by the
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NVC-11
  Sequence
                                      of the present invention.
                                                                                                                                                                        in denotherapy. The primers are useful for synthesising polynucleotides particularly full length FINAS. The primers are also useful for the
                                                                                                                                                                                                                                                                                                              of an oligonarylectide comprising a sequence complementary to the complementary strand of a polymerhectide which comprises a 5° end
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                                                                             AAB95893 represent human amore acid sequences; and AABL3629 to AABL3632
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                                                                          primer in the detection, quantitation or isolation of gene transcripts, in detecting deficiencies in the level of mRNA in screening for desired transgenic plants, for detecting mutations in gene, for monitoring upregulation of expression or changes in engine activity in screening assays, orthologs, or paralogs of the gene, or for site directed mutagenesis in enkaryotic cells. The nucleic activate an also be used for recombinant expression of polypoptides or as immunogens in the preparation and/or screening of antibodies or as immunogens can be employed in assays for engine agenists or antagenists of engine tunction, or as immunogens or antibens to obtain antibodies specifically immunoreactive with the protein. Plants expressing the DNA germinate better in compacted soils and in flooded conditions or water-logged soils, resulting in higher stand counts.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  maize genes are nuclear transcription factors that promote the ethylene-mediated responses, including crowding tolerance, seed set and development, growth in impacted soils, flooding tolerance, maturation and senescence and disease resistance, plant, in particular cereals such as maize, by reducing the expression or activity of the DNA promotes tolerance to close spacing with reduced stress and yield loss. The DNA is useful as a probe or amplification
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                in the ethylene signal transduction pathway, and is an EIN3 homologue. An expression cassette comprising the DNA sequence is useful for modulating the level of EIN3 in a plant, in particular a maize plant. The
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     This sequence is the corn 2m BIN3 2 protein. The protein is involved
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Claim 10; Page 82-35; 86pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Novel mains othyless signalling pathway EIN3 gene useful for modulating the revel of EIN3 in maize plants, including crowding tolerance, growth in impacted soits, flooding tolerance and disease resistance -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    N-PSDB; AAA91185.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     07-JUL-2000; 2000W0-US18746
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  08-MAY-2001 (firs: entry)
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Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            15-JUL-1999;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    senescence; disease resistance.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sea mays ZmEIN3 2 protein sequence.
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    647 AA;
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Search completed: March 14, 2002 17:z::33 Job time: 7904 sec